Dist-County-Route: 04-Sol-80
Post Mile Limits: 20.1/30.6
Project Type: Maintenance
Project ID (EA): XXXXXX
Program Identification:
Phase: ☒ PID ☐ PA/ED ☐ PS&E

Regional Water Quality Control Board(s): Central Valley

1.	Does the project disturb 5 or more acres of soil?	Yes ☐	No ☒
2.	Does the project disturb more than 1 acre of soil and not qualify for the Rainfall Erosivity Waiver?	Yes ☐	No ☒
3.	Is the project required to implement Treatment BMPs?	Yes ☐	No ☒
4.	Does the project impact existing Treatment BMPs?	Yes ☐	No ☒

If the answer to any of the preceding questions is "Yes", prepare a Long Form – Stormwater Data Report. Unless otherwise agreed upon by the District/Regional Design Stormwater Coordinator.

Total Disturbed Soil Area: 0.5 New Impervious Surface: 0.0
Estimated Const. Start Date: 05/1/17 Estimated Const. Completion Date: 08/01/18
Risk Level: RL 1 ☐ RL 2 ☐ RL 3 ☐ Not Applicable ☒

This Short Form – Stormwater Data Report has been prepared under the direction of the following Licensed Person. The Licensed Person attests to the technical information contained herein and the data upon which recommendations, conclusions, and decisions are based. Professional Engineer or Landscape Architect stamp required at PS&E.

Betsy Ross 08/26/16

Betsy Ross, Registered Project Engineer/Landscape Architect *Date*

I have reviewed the stormwater quality design issues and find this report to be complete, current and accurate:

[Stamp Required at PS&E only]

Friedrich Wilhelm von Steuben 08/26/16

Friedrich Vilhelm von Steuben, District/Regional Design SW Coordinator or Designee *Date*

1. Project Description

[MMS1]The Pavement Rehabilitation Project (Project) for Interstate 80 (I-80) in Solano County is located in the cities of Fairfield and Vacaville between Post Mile (PM) 20.1 and 30.6. There is a small segment between Soda Springs Road and Blue Mountain Drive within the Project limits that is an unincorporated area of Solano County. Two alternatives are under consideration: A no-build and a build alternative, as described below.

No-build alternative: The No-Build Alternative provides a basis of comparison with the Build Alternative in the future analysis year of 2030. This No-Build Alternative would include all currently planned and programmed projects in the I-80 corridor through the year 2030.

Build alternative: The build alternative consists of crack, seal and overlay on the mainline with 0.45 feet of hot mix asphalt with shoulder backing in both directions of I-80.

Because the no-build alternative would have no effect on existing water quality impacts, only the build alternative is discussed in the remainder of this report.

Caltrans mitigates and permanently stabilizes project disturbed soil area (DSA). This project will create DSA for construction staging areas The DSA was estimated to be 0.5 acres

There is no net new impervious (NNI) area or replaced impervious surface (RIS).

The Fairfield-Suisun Sewer District is a Phase I Municipal Separate Storm Sewer System (MS4) Permittee, and Solano County is a Phase II MS4 Permittee.

2. Site Data and Stormwater Quality Design Issues

Potential project pollutants are asphalt concrete (AC) grindings, striping paint, sediment from DSA, and miscellaneous non-stormwater pollutants the contractor may be using on-site.

Receiving water bodies for this project are in the undefined HSA (511.10 and 560.10), and Suisun Slough HSA (207.23). These are on the 2012 Clean Water Act 303(d) List of Water Quality Limited Segments or has a specified total maximum daily load. Ulatis Creek (Solano County) pollutants include Chlorpyrifos and Diazinon. Ledgewood Creek pollutant includes Diazinon.

Route	District	From PM	To PM	TMDL
80	4	14.7	22.5	San Francisco Bay & Urban Creeks (Diazinon and Pesticide Toxicity)
80	4	8	22.5	San Francisco Bay (Mercury)
80	4	8	22.5	San Francisco Bay (PCBs)

Though these pollutants are Caltrans targeted design constituents, Caltrans is a named TMDL stakeholder for Mercury and PCBs.

The District NPDES Coordinator concurred that this project is not funded for seeking Compliance Units.

A 401 Water Quality Certification is not anticipated.

3. Construction Site BMPs

This project will require a Water Pollution Control Program, per Caltrans Standard Specifications.

Construction BMPs will be available on site to mitigate DSA. General housekeeping tasks are anticipated.

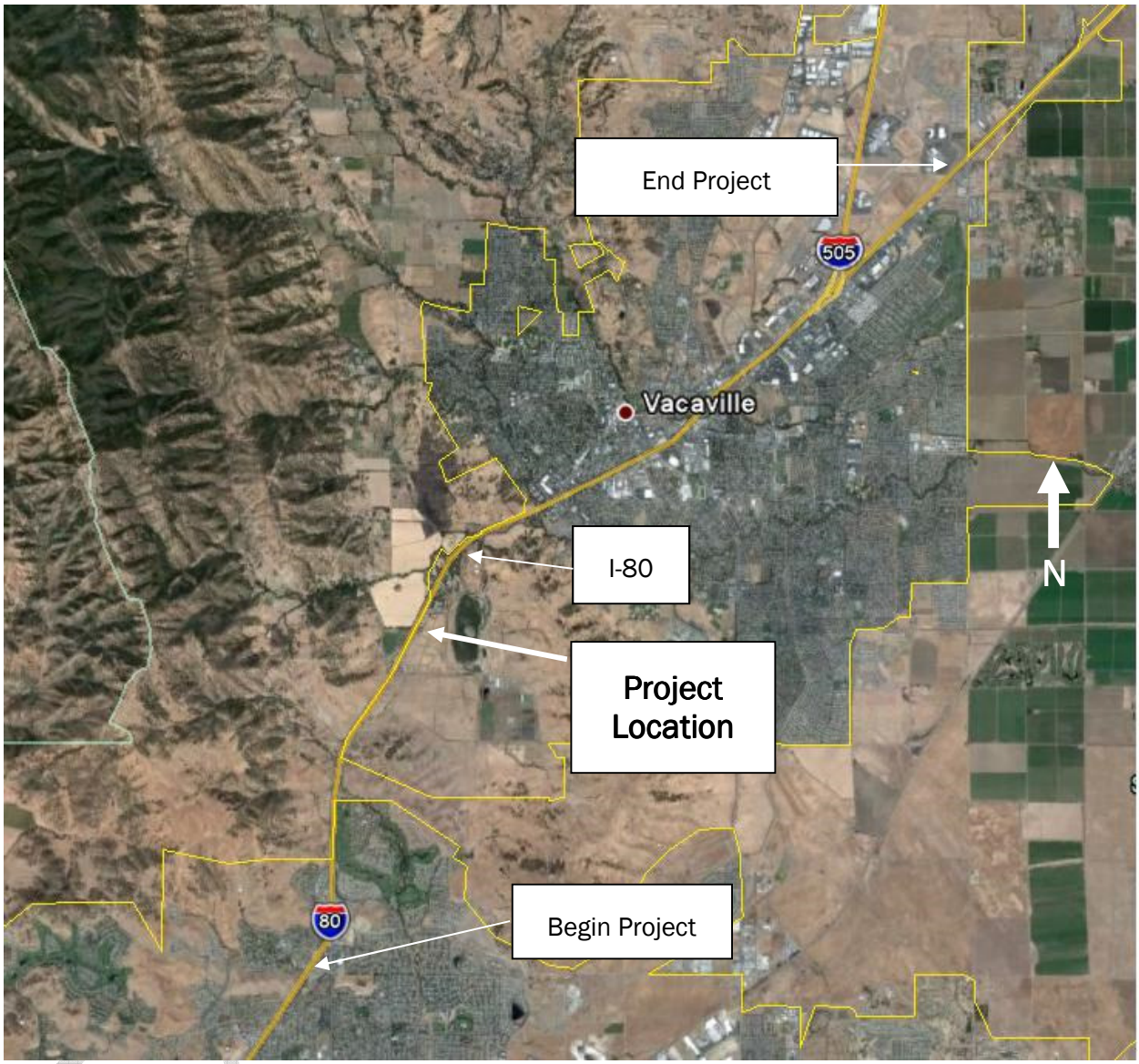
Project specific BMP measures will be specified and quantified during the design phase. Temporay construction BMPs have been estimated at 1.25% of the total project cost ($50,000,000) in accordance with the Project Initiation Cost Estimate Method, Appendix F.3.1, 2016 PPDG.

William Alexander was contacted on July 21, 2016. The Construction unit concurs with the Construction Site BMP development and strategy for this stage of the Project.

Required Attachments[1]

- Vicinity Map
- Evaluation Documentation Form
- SWDR Summary Spreadsheets

[1] Additional attachments may be required as applicable or directed by the District/Regional Design Storm Water Coordinator (e.g., BMP line item estimate, SW, DPP, and CS Checklists).


End Project
505
Vacaville
I-80
N
Project Location
80
Begin Project

Evaluation Documentation Form

DATE: 08-26-16

Project ID (EA): 03-XXXXXX

No.	Criteria	Yes ✓	No ✓	Supplemental Information for Evaluation
1.	Begin Project evaluation regarding requirement for implementation of Treatment BMPs	✓		See Figure 4-1, Project Evaluation Process for Consideration of Treatment BMPs. Continue to 2.
2.	Is the scope of the Project to install Treatment BMPs (e.g., Alternative Compliance or TMDL Compliance Units)?		✓	If **Yes**, go to 8. If **No**, continue to 3.
3.	Is there a direct or indirect discharge to surface waters?	✓		If **Yes**, continue to 4. If **No**, go to 9.
4.	As defined in the WQAR or ED, does the project: a. discharge to areas of Special Biological Significance (ASBS), or b. discharge to a TMDL watershed where Caltrans is named stakeholder, or c. have other pollution control requirements for surface waters within the project limits?		✓	If **Yes to any**, contact the District/Regional Design Stormwater Coordinator or District/Regional NPDES Coordinator to discuss the Department's obligations, go to 8 or 5. _____*(Dist./Reg. Coordinator initials)* If **No** to all, continue to 5.
		✓		
			✓	
5.	Are any existing Treatment BMPs partially or completely removed? (ATA condition #1, Section 4.4.1)		✓	If **Yes**, go to 8 **AND** continue to 6. If **No**, continue to 6.
6.	Is this a Routine Maintenance Project?	✓		If **Yes**, go to 9. If **No**, continue to 7.
7.	Does the project result in an increase of one acre or more of new impervious surface (NIS)?			If **Yes**, go to 8. If **No**, go to 9.
8.	Project is required to implement Treatment BMPs.	Complete Checklist T-1, Part 1.		
9.	Project is not required to implement Treatment BMPs. FWS *(Dist./Reg. Design SW Coord. Initials)* BR *(Project Engineer Initials)* 08/26/16 *(Date)*	Document for Project Files by completing this form and attaching it to the SWDR.		

See Figure 4-1, Project Evaluation Process for Consideration of Permanent Treatment BMPs

SWDR

SWDR Signed Date	District	EA/Project ID	County	Route	Beg_PM	End_PM	Project Description	Project Phase	Long SWDR	Risk Level	DSA (ac)	TMDL Waterbody
8/26/2016	4	XXXXXX	SOL	80	20.10	30.60	Maintenance	PID	No	WPCP	0.5	Yes

Biofiltration Strips and Swales	Detention	Infiltration Devices	GSRD	TST	MedFilter	DPPIA	SA	Other BMP	Est. Const_Start	Est. Const _Comp	SW Comment
0	0	0	0	0	0	0	0	0	5/1/2017	8/1/2018	

Post Const Treatment Area (ac)	Treated Impervious Area (ac)	Treated Impervious Area Balance (ac)	Treated Pervious Area (ac)	Stabilized Area (ac)	MWELO	RSA
0.00	0.00	0.00	0.00	0.00	No	No